L Number	Hits	Search Text	DB	Time stamp
- Number	2	(("20030003407") or ("20030003683")).PN.	USPAT;	2003/01/25 17:17
•	! !		US-PGPUB	
-	25384	(resist or photoresist or photopolymer\$7)	USPAT;	2003/01/31 17:10
1		near3 (develop\$3)	US-PGPUB;	
•	,		EPO; JPO; IBM TDB	!
· _	1494	 ((resist or photoresist or photopolymer\$7)	USPAT;	2003/01/31 12:06
_	1494	near3 (develop\$3)) with (ultraviolet or	US-PGPUB;	2003/01/31 12.00
	:	uv)	EPO; JPO;	i
	!		IBM TDB	1
1 -	38757	(Si or silicon or silicone) with (cross	USPĀT;	2003/01/31 12:07
1		adj link\$3 or cur\$3 or harden\$3)	US-PGPUB;	
:			EPO; JPO; IBM TDB	1
' _	58	(((resist or photoresist or	USPAT;	2003/01/31 12:07
•	, 50	photopolymer\$7) near3 (develop\$3)) with	US-PGPUB;	2003/01/31 12.0/
		(ultraviolet or uv)) and ((Si or silicon	EPO; JPO;	1
	 	or silicone) with (cross adj link\$3 or	IBM_TDB	
		cur\$3 or harden\$3))	_	
	391	(ultraviolet or uv) with (neon)	USPAT;	2003/02/15 10:10
i	1		US-PGPUB; EPO; JPO;	
			IBM TDB	
! _	57	((ultraviolet or uv) with (neon)) and	USPAT;	2003/02/15 10:11
T		((cross adj link\$3 or cur\$3 or harden\$3)	US-PGPUB;	
1		with (polymer\$7 or photopolymer\$7 or	EPO; JPO;	
i	_	photoresist or resist))	IBM_TDB	2222422425
; -	2	(((ultraviolet or uv) with (neon)) and	USPAT;	2003/02/15 10:11
'		((cross adj link\$3 or cur\$3 or harden\$3) with (polymer\$7 or photopolymer\$7 or	US-PGPUB; EPO; JPO;	:
		photoresist or resist))) and (neon same	IBM TDB	1
	! 	(flow or flowrate))		
-	203	((ultraviolet or uv) with (neon)) same	USPAT;	2003/02/15 10:12
		(inert or Ar or argon)	US-PGPUB;	
			EPO; JPO;	
i	51	((((resist or photoresist or	IBM_TDB USPAT;	2003/01/31 15:49
, –		photopolymer\$7) near3 (develop\$3)) with	US-PGPUB;	2003/01/31 13.43
;		(ultraviolet or uv)) and ((Si or silicon	EPO; JPO;	
] []	or silicone) with (cross adj link\$3 or	IBM_TDB	
		cur\$3 or harden\$3))) and etch\$3		, ,
!	1644	(resist or photoresist or photopolymer\$7)	USPAT;	2003/01/31 17:12
ı		<pre>and ((develop\$3) adj20 (ultraviolet or uv))</pre>	US-PGPUB; EPO; JPO;	
i			IBM TDB	
-	84	((Si or silicon or silicone) with (cross	USPAT;	2003/01/31 17:14
İ		adj link\$3 or cur\$3 or harden\$3)) and	US-PGPUB;	
i		((resist or photoresist or photopolymer\$7)	EPO; JPO;	
		and ((develop\$3) adj20 (ultraviolet or	IBM_TDB	
i _	583	uv))) 430/328.ccls.	USPAT;	2003/02/01 14:11
:	303	130, 320.0013.	US-PGPUB;	=====================================
ļ			EPO; JPO;	
•			IBM_TDB	
·	16	430/313.cor. and 430/328.cxr.	USPAT;	2003/02/22 17:06
:			US-PGPUB; EPO; JPO;	1
	 		IBM TDB	
_	181	(post adj (expos\$ or develop\$4)) adj20	USPAT;	2003/01/31 18:11
		(ultraviolet or uv)	US-PGPUB;	
	 		EPO; JPO;	
			IBM_TDB	0000 (01 (01 10 11
	49	((post adj (expos\$ or develop\$4)) adj20	USPAT;	2003/01/31 18:14
		(ultraviolet or uv)) and ((Si or silicon or silicone) with (polymer\$7 or	US-PGPUB; EPO; JPO;	
		photopolymer\$7 or photoresist or resist))	IBM TDB	
	L	bungaboramora, or bungarenzar or rearar)	T T T T T T T T T T T T T T T T T T T	<u></u>

14 - A

or silicone with (polymers? or photopolymers?) or photopolymers? or photopolymers? or substrate) 15 (((ipost ad) (expas) or develops)) ((ipost ad) (expas) or develops)) ((ipost ad) (expas) or develops) ((ipost ad) (expas) or devel		21	(((post adj (expos\$ or develop\$4)) adj20 (ultraviolet or uv)) and ((Si or silicon	USPAT; US-PGPUB;	2003/01/31 18:30
not (isilicon or Si) near3 (wafer or substrate)		!	or silicone) with (polymer\$7 or	EPO; JPO;	
(ultraviolet or uv) and ((Si or silicon or silicone) with (polymers7 or photorposist or resist)) not ((silicon or Si) nears (wafer or substrate)) and ecchs3 ("F751170" "F91157" "5407786" USPAT 2003/02/01 10:33 "5427649" "5486424" "5688723" USPAT 2003/02/01 10:33 USPAT 2003/02/01 10:30		1	not ((silicon or Si) near3 (wafer or	, - 1	
photopolymer\$7 or photoresist or resist) not ((silicon or Si) near! (wafer or substrate)) and etch93 ("4751170" "493135:" "5407786" ("4751170" "493135:" "568723" "570783" "5577083" "5577083" "5577083" "5577083" "5770833" "5770833" "577083"	_	, 15	(ultraviolet or uv)) and ((Si or silicon	US-PGPUB;	2003/01/31 18:30
Substrate()) and etch(3) "74751170" "94751170" "94751170" "94751170" "548642" "5688723" "56770783" "5577078" "6190837").PN.			<pre>photopolymer\$7 or photoresist or resist)))</pre>		· ·
## 5427649" "548624" "5688723" 87507783" "5507783" "59707783		: : !		i	:
Separt Content Conte	_	9	"5427649" "5486424" "5688723"	USPAT	2003/02/01 10:33
	-	567		USPAT;	2003/02/01 14:36
(((utraviolet or uv) with (neon)) and ((cross adj link3) or cur53 or harden\$3) USPECPUB; USPECPU		:		US-PGPUB; EPO; JPO;	İ
((cross adj link3) or curs3 or hardens3)	_	. 1	(((ultraviolet or uv) with (neon)) and	· —	2003/02/15 10:14
photoresist or resist)) and ((Ar or argon or inert) with (flow or flowrate or rate)) (430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)) (430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) same (flow or flowrate or rate)) (430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert)) (430/328.ccls. not 430/313.cor.) and ((Ar or argon argon) ((Ar or argon or inert)) ((Ar or argon) and ((Ar or argon) and ((Ar or argon)) ((Ar or ar			((cross adj link\$3 or cur\$3 or harden\$3)	US-PGPUB;	
12		!	photoresist or resist))) and ((Ar or argon		
11 ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) same (flow or flowrate or rate))) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate))	-	12	(430/328.ccls. not 430/313.cor.) and ((Ar		2003/02/01 15:03
11		į	or rate))		
or rate))) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)))	. –	11			2003/02/01 15:26
A30/313.cor.) and ((Ar or argon or inert) IBM_TDB with (flow or flowrate or rate)) ((430/328.ccls. not 430/313.cor.) and (((Ar or argon) and (Ne or neon)) same (USPAT; US-PGPUB; Element) ((1430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) ((1430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) ((150 wor flowrate or rate))) ((150 wor flowrate or rate)) ((150 wor flowrate or rate)) ((150 wor flowrate or rate or sccm or slm)) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) ((150 wor flowrate or rate)) ((150 wor flowrate)) ((150 wor flo				I .	
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(((Ar or argon) and (Ne or neon)) same (flow or flowrate or rate or sccm or slm)) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)) ((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) same (flow or flowrate or rate or sccm or slm)) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)) ((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate)) ((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate)) ((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate)) ((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate)) ((resist or photoresist or photopolymer\$7) and (((Ar or argon or inert) with (flow or flowrate or rate)) (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) not ((430/328.ccls. not 430/313.cor.) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate)	_	1		USPAT:	2003/02/01 15:29
slm)) not ((430/328.ccls. not		_	(((Ar or argon) and (Ne or neon)) same	US-PGPUB;	
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- 15 ((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (US-PGPUB; (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)) (((resist or photoresist or photopolymer\$7) and ((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) not ((430/328.ccls. IBM_TDB not 430/313.cor.) and ((Ar or argon) and ((Inersist or photoresist or photopolymer\$7) and (((Ar or argon) or inert) with (flow or flowrate or rate))) not (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate			430/313.cor.) and ((Ar or argon or inert)	_	
and (((Ar or argon) and (Ne or neon)) with US-PGPUB; (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not	-	15		USPAT;	2003/02/01 15:36
same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate))) (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and US-PGPUB; (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) not ((430/328.ccls. IBM_TDB) not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate))) not (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate)		•	and (((Ar or argon) and (Ne or neon)) with	US-PGPUB;	:
430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate))) (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or photopolymer\$7) and ((Ar or argon or inert) with (flow or flowrate or rate)))) not (((resist or photoresist or photopolymer\$7) and ((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate)					
- 51 (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (SPAT; photopolymer\$7)) and (((Ar or argon) and (SPAT; (Ne or neon)) with (flow or flowrate or rate))) rate or sccm or slm))) not ((430/328.ccls. IBM_TDB) not (30/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)))) not (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate)	•		430/313.cor.) and ((Ar or argon or inert)	_ 	
photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or inert) with (flow or flowrate or rate or sccm or slm))) not ((430/328.ccls. IBM_TDB) not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)))) not (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate)		51		USPAT;	2003/02/01 16:50
rate or sccm or slm))) not ((430/328.ccls. IBM_TDB not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)))) not (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate			photopolymer\$7) and (((Ar or argon) and	US-PGPUB;	
not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)))) not (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate					
not (((resist or photoresist or photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate			not 430/313.cor.) and ((Ar or argon or		·
photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate		!		•	
rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate			photopolymer\$7) and (((Ar or argon) and		
((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate					
			((430/328.ccls. not 430/313.cor.) and ((Ar		;
			1		

	–			USPAT; US-PGPUB; EPO; JPO;	2003/02/14 14:45
			with (polymer\$7 or photopolymer\$7 or photoresist or resist))) and ((Ar or argon or inert) with (flow or flowrate or	IBM_TDB	,
	:		rate))) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert)	•	
	i		with (flow or flowrate or rate))) not (((430/328.ccls. not 430/313.cor.) and	!	
			(((Ar or argon) and (Ne or neon)) same	 	!
			(flow or flowrate or rate or sccm or slm))) not ((430/328.ccls. not	ı	:
			430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate or rate)))) not		
		1	(((resist or photoresist or photopolymer\$7) and (((Ar or argon) and		
			(Ne or neon)) with (flow or flowrate or rate or sccm or slm)) same etch\$3) not	1	
	1		((430/328.ccls. not 430/313.cor.) and ((Ar or argon or inert) with (flow or flowrate		:
	!		or rate)))) not ((((resist or photoresist or photopolymer\$7) and (((Ar or argon) and		;
			(Ne or neon)) with (flow or flowrate or		1
	1		rate or sccm or slm))) not ((430/328.ccls. not 430/313.cor.) and ((Ar or argon or	1	:
	1		<pre>inert) with (flow or flowrate or rate)))) not (((resist or photoresist or</pre>	,	
	1		photopolymer\$7) and (((Ar or argon) and (Ne or neon)) with (flow or flowrate or	!	;
ı			rate or sccm or slm)) same etch\$3) not ((430/328.ccls. not 430/313.cor.) and ((Ar		
	- 1		<pre>or argon or inert) with (flow or flowrate or rate)))))</pre>	1	
-		1984	430/313,317.ccls. not (430/328.ccls. not 430/313.cor.)	USPAT; US-PGPUB; EPO; JPO;	2003/02/22 17:12
_		1	(((((resist or photoresist or photopolymer\$7) near3 (develop\$3)) with	IBM_TDB USPAT; US-PGPUB;	2003/02/15 10:02
			<pre>(ultraviolet or uv)) and ((Si or silicon or silicone) with (cross adj link\$3 or cur\$3 or harden\$3))) and etch\$3) and (Ne)</pre>	EPO; JPO; IBM_TDB	
_	-t*		<pre>((((((resist or photoresist or photopolymer\$7) near3 (develop\$3)) with (ultraviolet or uv)) and ((Si or silicon</pre>	USPAT; US-PGPUB; EPO; JPO;	2003/02/15 10:02
		204	or silicone) with (cross adj link\$3 or cur\$3 or harden\$3))) and etch\$3) and neon	IBM_TDB	0000/00/15 10 10
_	1	304	(ultraviolet or uv) with (Ne)	USPAT; US-PGPUB; EPO; JPO;	2003/02/15 10:10
_	-	0	(((ultraviolet or uv) with (Ne)) and ((cross adj link\$3 or cur\$3 or harden\$3)	IBM_TDB; USPAT; US-PGPUB;	2003/02/15 10:12
			<pre>with (polymer\$7 or photopolymer\$7 or photoresist or resist))) and (neon same (flow or flowrate))</pre>	EPO; JPO; IBM_TDB	
-	-i	83	((ultraviolet or uv) with (Ne)) same (inert or Ar or argon)	USPAT; US-PGPUB; EPO; JPO;	2003/02/15 10:13
-		3	(((ultraviolet or uv) with (Ne)) and	IBM_TDB USPAT;	2003/02/15 10:14
		3	((cross adj link\$3 or cur\$3 or harden\$3) with (polymer\$7 or photopolymer\$7 or	US-PGPUB; EPO; JPO;	
			photoresist or resist))) and ((Ar or argon	IBM_TDB	
·		1	or inert) with (flow or flowrate or rate)) ("6054379").PN.	USPAT; US-PGPUB	2003/02/21 17:30

		58	((ultraviolet or uv) with (Ne)) and	USPAT;	2003/02/21	18:38
		i	((cross adj link\$3 or cur\$3 or harden\$3)	US-PGPUB;		1
		1	<pre>with (polymer\$7 or photopolymer\$7 or photoresist or resist))</pre>	EPO; JPO; IBM TDB		ı
_		3	430/313.cor. and 430/328.cxr. and (etch\$3	USPAT;	2003/02/22	17.07
	1	3	with chamber)	US-PGPUB;	2003/02/22	17:07
			WICH CHARDOLY	EPO; JPO;		•
	:	į		IBM TDB		1
_	1	43	430/313,317.ccls. and (etch\$3 with	USPAT;	2003/02/22	17:13
		1	chamber) not (430/328.ccls. not	US-PGPUB;		
		i	430/313.cor.)	EPO; JPO;		1
	!	1		IBM_TDB		
-	1	.01	430/313,317.ccls. and (etch\$3 near3	USPAT;	2003/02/22	17:19
		ì	chamber) not (430/328.ccls. not	US-PGPUB;		
		į	430/313.cor.)	EPO; JPO;		
	22	31 İ	(maint or shotomonist) same ((ultraviolet	IBM_TDB USPAT;	2003/02/22	17.00
-	22	31	<pre>(resist or photoresist) same ((ultraviolet or uv) with etch\$3)</pre>	USPAT; US-PGPUB;	2003/02/22	17:23
		i	or uv, with etchips,	EPO; JPO;		I
	1	į		IBM TDB		
-	1	75	((resist or photoresist) same	USPAT;	2003/02/22	17:22
	;		((ultraviolet or uv) with etch\$3)) and	US-PGPUB;		
	1	!	430/313,317,328.ccls.	EPO; JPO;		1
	'			IBM_TDB	1	
-	1	17	(resist or photoresist) same ((ultraviolet		2003/02/22	17:23
	1		or uv) with etch\$3 near2 chamber)	US-PGPUB;		1
	I	İ		EPO; JPO;	t .	,
	1	4	250/504D 504H cala and /noon or Nat with	IBM_TDB	2002/02/22	10.10
**	_	4	250/504R-504H.ccls. and (neon or Ne) with (ultraviolet or uv)	USPAT;	2003/02/22	13:10
			(UICIAVIOIEC OI UV)	02-19100		